

ALMANAC

XXII

SIMULTANEOUS

SOLAR ECLIPSES

AND TRANSITS IN

BCE

The almanac XXII contains a list of simultaneous solar eclipses and transits between the 125th millennium BCE and the 7th millennium BCE.

CATALOG	CALENDAR	TIME	JD	TRANSITING	ECLIPSE
NUMBER	DATE			BODY	TYPE
1	BC 124,975 Sep 04	16:39	-43925448.81	Mercury	P
	BC 124,975 Sep 04	17:43	-43925448.76	Moon	P
2	BC 124,738 Jun 27	05:59	-43838954.25	Venus	P
	BC 124,738 Jun 27	06:15	-43838954.24	Moon	P
3	BC 123,693 Sep 14	14:59	-43457187.88	Mercury	P
	BC 123,693 Sep 14	12:44	-43457187.97	Moon	P
4	BC 123,647 Sep 15	21:37	-43440385.60	Mercury	T
	BC 123,647 Sep 15	18:49	-43440385.72	Moon	T
5	BC 114,941 Oct 25	22:38	-40260478.56	Mercury	T
	BC 114,941 Oct 25	22:29	-40260478.56	Moon	T
6	BC 114,895 Oct 27	05:11	-40243676.28	Mercury	A
	BC 114,895 Oct 27	09:27	-40243676.11	Moon	A
7	BC 114,849 Oct 27	11:54	-40226874.00	Mercury	H
	BC 114,849 Oct 27	14:33	-40226873.89	Moon	H
8	BC 113,968 Nov 03	04:55	-39905082.30	Mercury	P
	BC 113,968 Nov 03	04:45	-39905082.30	Moon	P
9	BC 108,138 Jun 02	00:04	-37775829.50	Mercury	T
	BC 108,138 Jun 01	23:42	-37775829.51	Moon	T
10	BC 102,430 Jun 24	03:33	-35690960.35	Mercury	T
	BC 102,430 Jun 24	04:53	-35690960.30	Moon	T
11	BC 99,238 Dec 28	00:06	-34524895.50	Mercury	P
	BC 99,238 Dec 28	01:55	-34524895.42	Moon	P

12	BC 96,906 Jul 13	00:23	-33673300.48	Mercury	A
	BC 96,906 Jul 12	22:59	-33673300.54	Moon	A
13	BC 96,860 Jul 13	05:41	-33656498.26	Mercury	A
	BC 96,860 Jul 13	06:37	-33656498.22	Moon	A
14	BC 94,789 Jul 28	10:45	-32900050.05	Mercury	A
	BC 94,789 Jul 28	14:23	-32900049.90	Moon	A
15	BC 92,569 Jan 22	15:13	-32089382.87	Mercury	T
	BC 92,569 Jan 22	13:53	-32089382.92	Moon	T
16	BC 91,706 Aug 12	08:59	-31773970.13	Venus	A
	BC 91,706 Aug 12	09:38	-31773970.10	Moon	A
17	BC 90,498 Feb 06	17:46	-31332934.76	Mercury	T
	BC 90,498 Feb 06	19:05	-31332934.71	Moon	T
18	BC 90,192 Aug 08	11:13	-31220985.03	Mercury	T
	BC 90,192 Aug 08	06:52	-31220985.21	Moon	T
19	BC 90,146 Aug 09	16:54	-31204182.80	Mercury	P
	BC 90,146 Aug 09	19:28	-31204182.69	Moon	P
20	BC 84,218 Mar 04	08:53	-29039139.13	Mercury	T
	BC 84,218 Mar 04	09:11	-29039139.12	Moon	T
21	BC 84,004 Aug 30	17:28	-28960795.77	Mercury	P
	BC 84,004 Aug 30	20:47	-28960795.63	Moon	P
22	BC 83,215 Sep 04	22:08	-28672608.58	Mercury	T
	BC 83,215 Sep 04	19:20	-28672608.69	Moon	T
23	BC 78,727 Mar 25	08:46	-27033530.14	Mercury	P
	BC 78,727 Mar 25	08:29	-27033530.15	Moon	P
24	BC 67,962 May 06	23:39	-23101571.51	Mercury	A
	BC 67,962 May 07	02:49	-23101571.38	Moon	A
25	BC 65,750 Nov 16	02:34	-22293445.39	Mercury	T
	BC 65,750 Nov 16	02:11	-22293445.41	Moon	T
26	BC 65,582 May 24	21:25	-22232258.61	Mercury	A
	BC 65,582 May 24	21:24	-22232258.61	Moon	A
27	BC 65,536 May 25	02:13	-22215456.41	Mercury	P

	BC 65,536 May 25	03:10	-22215456.37	Moon	P
28	BC 60,709 Jun 10	00:20	-20452378.49	Mercury	A
	BC 60,709 Jun 09	21:17	-20452378.61	Moon	A
29	BC 60,663 Jun 11	05:12	-20435576.28	Mercury	P
	BC 60,663 Jun 11	04:08	-20435576.33	Moon	P
30	BC 55,995 Jul 15	15:18	-18730554.86	Mercury	T
	BC 55,995 Jul 15	17:06	-18730554.79	Moon	T
31	BC 53,854 Jan 12	05:20	-17948739.28	Mercury	P
	BC 53,854 Jan 12	01:57	-17948739.42	Moon	P
32	BC 53,808 Jan 12	11:27	-17931937.02	Mercury	A
	BC 53,808 Jan 12	10:34	-17931937.06	Moon	A
33	BC 53,449 Mar 31	23:35	-17800733.52	Venus	T
	BC 53,449 Apr 01	02:35	-17800733.39	Moon	T
34	BC 51,260 Jul 29	19:12	-17001081.70	Mercury	T
	BC 51,260 Jul 29	18:51	-17001081.71	Moon	T
35	BC 50,116 Aug 07	00:51	-16583227.46	Mercury	A
	BC 50,116 Aug 06	23:56	-16583227.50	Moon	A
36	BC 50,070 Aug 08	05:57	-16566425.25	Mercury	A
	BC 50,070 Aug 08	06:28	-16566425.23	Moon	A
37	BC 48,926 Aug 16	11:36	-16148571.02	Mercury	T
	BC 48,926 Aug 16	08:46	-16148571.13	Moon	T
38	BC 46,684 Aug 31	17:39	-15329664.76	Mercury	P
	BC 46,684 Aug 31	19:56	-15329664.67	Moon	P
39	BC 36,127 Apr 19	23:56	-11473854.50	Mercury	T
	BC 36,127 Apr 19	21:31	-11473854.60	Moon	T
40	BC 35,374 Oct 26	18:59	-11198631.71	Mercury	A [P]
	BC 35,374 Oct 26	14:56	-11198631.88	Moon	A [P]
41	BC 33,533 Nov 06	17:50	-10526194.76	Mercury	A [P]
	BC 33,533 Nov 06	13:23	-10526194.94	Moon	A [P]
42	BC 33,188 May 09	01:23	-10400365.44	Mercury	T
	BC 33,188 May 09	03:17	-10400365.36	Moon	T

43	BC 31,738 Nov 18	10:30	-9870560.06	Mercury	A
	BC 31,738 Nov 18	09:21	-9870560.11	Moon	A
44	BC 31,692 Nov 18	16:09	-9853757.83	Mercury	P
	BC 31,692 Nov 18	17:20	-9853757.78	Moon	P
45	BC 31,347 May 21	03:46	-9727928.34	Mercury	T
	BC 31,347 May 21	05:39	-9727928.26	Moon	T
46	BC 30,295 May 27	22:30	-9343678.56	Mercury	P
	BC 30,295 May 27	20:36	-9343678.64	Moon	P
47	BC 29,943 Nov 29	02:28	-9214925.40	Mercury	T
	BC 29,943 Nov 28	21:48	-9214925.59	Moon	T
48	BC 28,891 Dec 05	18:10	-8830675.74	Mercury	P
	BC 28,891 Dec 05	14:58	-8830675.88	Moon	P
49	BC 27,711 Jun 13	04:33	-8399856.31	Mercury	A
	BC 27,711 Jun 13	03:41	-8399856.35	Moon	A
50	BC 25,962 Jun 23	21:42	-7761023.60	Mercury	A [P]
	BC 25,962 Jun 24	02:10	-7761023.41	Moon	A [P]
51	BC 25,219 Jun 28	01:05	-7489638.45	Mercury	P
	BC 25,219 Jun 28	02:13	-7489638.41	Moon	P
52	BC 23,906 Jan 03	10:20	-7010241.07	Mercury	T
	BC 23,906 Jan 03	08:14	-7010241.16	Moon	T
53	BC 23,163 Jan 07	09:15	-6738856.11	Mercury	P
	BC 23,163 Jan 07	08:03	-6738856.16	Moon	P
54	BC 15,973 Aug 01	07:34	-4112502.19	Mercury	P
	BC 15,973 Aug 01	10:15	-4112502.07	Moon	P
55	BC 15,607 Nov 01	13:52	-3978728.92	Venus	A
	BC 15,607 Nov 01	10:38	-3978729.06	Moon	A
56	BC 14,533 Aug 09	11:45	-3586534.01	Mercury	T
	BC 14,533 Aug 09	11:35	-3586534.02	Moon	T
57	BC 12,830 Aug 20	03:07	-2964503.37	Mercury	P
	BC 12,830 Aug 19	23:52	-2964503.51	Moon	P
58	BC 12,133 Aug 23	02:54	-2709920.38	Mercury	A

	BC 12,133 Aug 23	06:41	-2709920.22	Moon	A
59	BC 11,436 Aug 27	02:41	-2455337.39	Mercury	A
	BC 11,436 Aug 27	05:01	-2455337.29	Moon	A
60	BC 6945 Sep 20	17:49	-814974.76	Mercury	H [P]
	BC 6945 Sep 20	13:55	-814974.92	Moon	H [P]